

Message Text

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PAGE 01 PORT M 00574 200430Z
ACTION EA-12

INFO OCT-01 ISO-00 EB-08 /021 W
-----093980 210139Z /64

R 200140Z APR 78
FM AMEMBASSY PORT MORESBY
TO USDOC WASHDC
INFO SECSTATE WASHDC 3207
AMEMBASSY JAKARTA

UNCLAS PORT MORESBY 0574

FOR COMMERCE/MEPD

E.O. 11652: N/A
TAGS: BENC, PP
SUBJECT: MAJOR PROJECT - FUTURE HYDROELECTRIC SCHEMES

REF: PORT MORESBY 444

1. THE POST HAS NOW BEEN ABLE TO IDENTIFY FOUR MAJOR
HYDROELECTRIC SCHEMES SCHEDULED TO START IN PNG OVER THE
NEXT 3-4 YEARS.

2. ROUNA 4-REQUIRING ONE 16 MEGAWATT GENERATOR. INCLUDES
CONSTRUCTION UNDERGROUND MACHINE HALL AND SITE WORKS.
ESTIMATED COST US\$35 MILLION. CONSTRUCTION WILL START
JAN, 1980. PROJECT IS TO BE COMMISSIONED SEPT, 1983. THIS
PROJECT WAS PREVIOUSLY REPORTED IN REFTEL.

3. WARANGOI LOCATED IN NEW BRITAIN. THIS PROJECT WILL
REQUIRE TWO 4 MEGAWATT GENERATORS. INCLUDES CONSTRUCTION
6 KILOMETER SOFT ROCK TUNNEL AND SURFACE POWER STATION.
ESTIMATED COST US\$28 MILLION. CONSTRUCTION TO START MID 1979,
COMPLETION EARLY 1982.

4. KAUGEL. LOCATED NEAR MT. HAGEN. REQUIRES THREE
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15 MEGAWATT GENERATORS. CONSTRUCTION UNDERGROUND
MACHINE HALL. COST APPROXIMATELY US\$42 MILLION. PROBABLY
START MID 1980 WITH COMPLETION 1984.

5. STILL REQUIRE ECONOMIC FEASIBILITY STUDY FOR THE
ANGABUNGA PROJECT TO SUPPLY PORT MORESBY WITH POWER AFTER
COMPLETION ROUNA 4. POSSIBLE STARTING DATE 1981 OR 1982.

WILL REQUIRE CONSTRUCTION OF DAM AND TUNNEL WITH POWER
OUTPUT OF 80 MEGAWATTS.

6. INITIAL DESIGN OF ALL PROJECTS WILL BE DONE LOCALLY
BUT CONTRACTORS WILL BE NEEDED FOR FINAL DESIGN, PROJECT
MANAGEMENT, AND CONSTRUCTION. THE PROJECTS ARE NICELY
SPACED SO THAT ONE CONTRACTOR MIGHT BE ABLE TO MOVE FROM
PROJECT TO PROJECT. LOCAL FIRMS DO NOT HAVE CAPABILITY
TO HANDLE SAID PROJECTS.

7. WOULD APPRECIATE USDOC DISTRIBUTE INFORMATION TO US
CONTRACTORS. ADDITIONAL INFORMATION MAY BE OBTAINED FROM
V. HODGENS, PNG ELECTRICITY COMMISSION, P.O. BOX 1105,
BOROKO, PNG. COPIES OF CORRESPONDENCE SHOULD BE SENT TO
EMBASSY.

8. FOR JAKARTA: PLEASE PASS ABOVE INFORMATION TO PETER
JENNINGS, FLUOR EASTERN, INC., P.O. BOX 2914, JAKARTA,
TEL: 777370-76. DURING VISIT TO PORT MORESBY, JENNINGS
SUGGESTED THAT INFO ON MAJOR CONSULTING CONTRACTS IN
PNG BE PASSED TO EMBASSY JAKARTA FOR DISTRIBUTION TO
AMERICAN CONSULTING FIRMS LOCATED THERE. DOES JAKARTA
HAVE SUFFICIENT RESOURCES TO HANDLE SUCH DISTRIBUTION?
NOTE: NO AMERICAN CONSULTING FIRMS ARE CURRENTLY LOCATED
IN PNG.

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